KALASHNIKOV A. G.
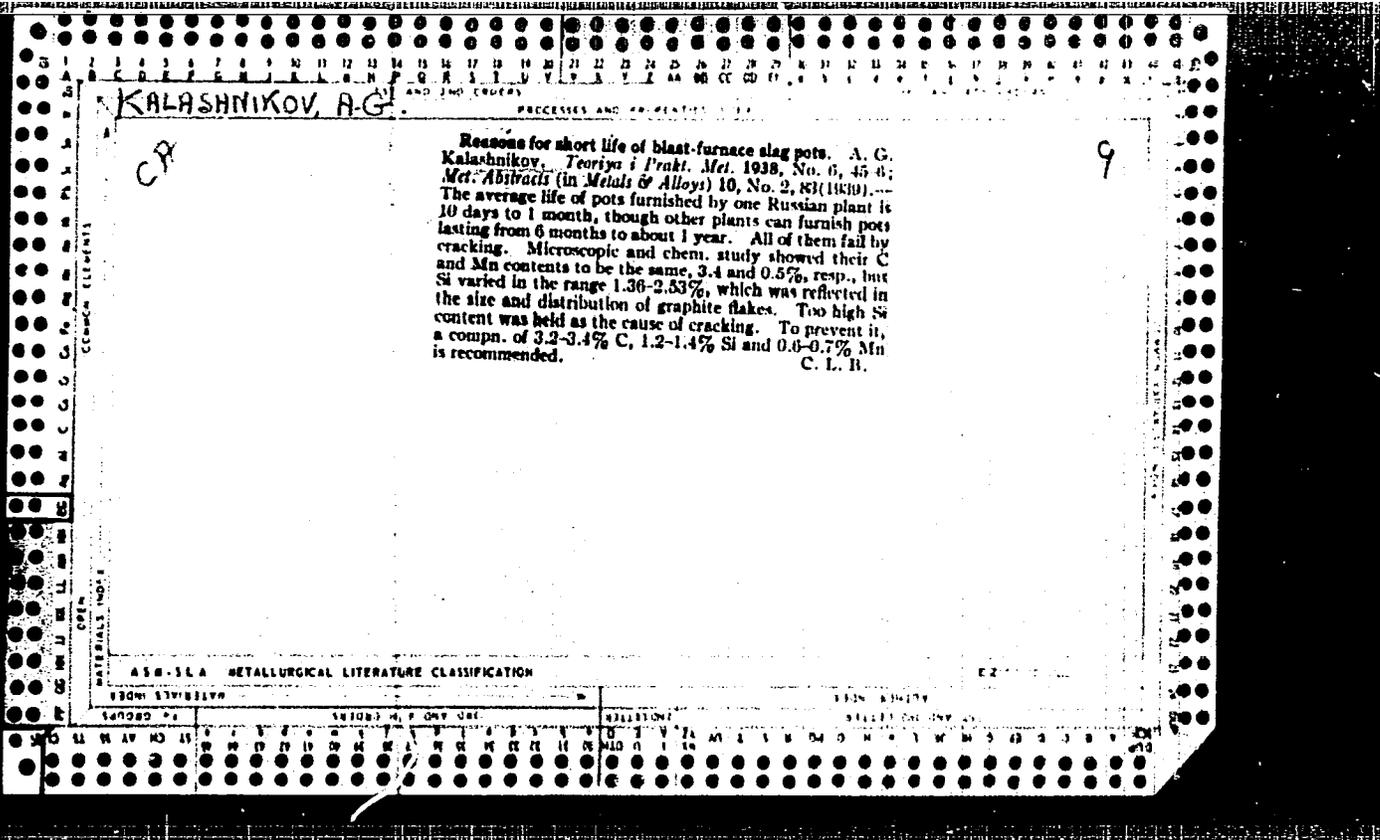
Metallographic investigation of cast iron rolled according to the process of A. W. Ulitowski. A. G. Kalashnikov. *Teoriya Prakt. Met.* 9, No. 8, 72 3(1937); *Chem. Zentr.* 1938, II, 3305.—Plates were rolled from ingots of cast iron contg. 3.1% C, 3.6% Si, 0.0% Mn and 0.13% P. The structure of the unannealed plates consisted essentially of cementite and of the decompn. products of the solid soln. (dendrites); that of the annealed plates consisted of ferrite and of graphite nodules. The cast iron could be rolled to plates 0.3 4.0 mm. thick. After annealing the plates were soft and tough and broke only at a bending angle of 90°.   M. G. Moore.

ASM-SLA   METALLURGICAL LITERATURE CLASSIFICATION

KALASHNIKOV, A-G.

Reasons for short life of blast-furnace slag pots. A. G. Kalashnikov, *Teoriya i Prakt. Met.* 1938, No. 6, 45 6; *Met. Abstracts* (in *Metals & Alloys*) 10, No. 2, 83(1939).— The average life of pots furnished by one Russian plant is 10 days to 1 month, though other plants can furnish pots lasting from 6 months to about 1 year. All of them fail by cracking. Microscopic and chem. study showed their C and Mn contents to be the same, 3.4 and 0.5%, resp., but Si varied in the range 1.36–2.53%, which was reflected in the size and distribution of graphite flakes. Too high Si content was held as the cause of cracking. To prevent it, a compn. of 3.2–3.4% C, 1.2–1.4% Si and 0.6–0.7% Mn is recommended.   C. L. B.

A S M - S L A   METALLURGICAL LITERATURE CLASSIFICATION

KALASHNIKOV, A.

Tractors - Repairing

. Wear and repair of connecting rods in the DT-54 tractor. MTS 12 No. 2, 1952.

9. **Monthly List of Russian Accessions**, Library of Congress, August 1953. Unclassified.

2

1. KALASHNIKOV A.G. Eng.

2. USSR (600)

4. Shafting

7. Doubling the life period of the shaft, Vest. mash. 32. No.11, 1952.

9. Monthly List of Russian Accessions, Library of Congress, April, 1953, Unclass.

KALASHNIKOV, A

1. BABUK, V.; KALASHNIKOV, A.; MAKSIMCHUK, F.; SAMSONENKO, G.

2. USSR (600)

4. Gas and Oil Engines

7. Repair and assembly of the head of the block and cylinders of the DT-54 tractor. Tekhsov. MTS 13 no. 33, 1952

9. Monthly List of Russian Accessions, Library of Congress, January   1953. Unclassified.

KALASHNIKOV, A. G.

"Investigation of the Wear Resistance and Development of a Repair Technology for Tractor Parts Made of Spheroidal Graphite Cast Iron." Cand Tech Sci, Ukrainian Sci Res Inst for the Mechanization of Agriculture, Min Agriculture,UkSSR, Kiev, 1953. (KL, No 17, Apr 55)

SO: Sum. No. 704, 2 Nov 55 - Survey of Scientific and Technical Dissertations Defended at USSR Higher Educational Institutions (16).

BERMAN, L.V.,; KALASHNIKOV, A.G., professor, redaktor; SHMIDT, V.O.,
redaktor; SHAPOSHNIKOVA, A.A., redaktor; TYSHKEVICH, Z.V.,
tekhnicheskiy redaktor.

[Study of automobiles and tractors; extra curricular assignments
and work outside of school] Izuchenie avtomobilia i traktora; vo
vneklassnoi i vneshkol'noi rabote. Pod red. A.G.Kalashnikova.
Moskva, Izd-vo Akademii pedagogicheskikh nauk RSFSR, 1955. 57 p.
illus.   (MLRA 8:11)

1. Deystvitel'nyy chlen APN RSFSR (for Kalashnikov).
     (Automobiles--Handbook, manuals, etc.)
     (Tractors--Handbook, manuals, etc.)

KALASHNIKOV, Aleksandr Grigor'yevich, kandidat tekhnicheskikh nauk;
     BABUKA, V.B., redaktor; KINAYEV,F.N., redaktor; ZUBAREV, A.S.,
     tekhnicheskiy redaktor

[Repairing the engine of the KhTZ-7 tractor] Remont dvigatelia
traktora KhTZ-7. Pod red V.B. Babuka. Kiev, Gos. izd-vo sel'khoz.
lit-ry USSR, 1957. 63 p.   (MLRA 10:4)

1. Chlen-korrespondent Vsesoyuznoy akademii sel'skokhozyaystven-
nykh nauk imeni Lenina (for Babuka)
                        (Tractors—Engines)

AUTHOR: Kalashnikov, A.G., Engineer   SOV/133-58-8-17/30

TITLE: The Influence of Arsenic on the Weldability of Low-carbon
           Steels (Vliyaniye mysh'yaka na svarivayemost' malougler-
           odistykh staley)

PERIODICAL: Stal', 1958, Nr 8, pp 736 - 739 (USSR)

ABSTRACT: In view of conflicting opinions on the influence of
           arsenic on the weldability of low-carbon steels under
           forging conditions expressed in literature, the problem
           was investigated. Specimens from 21 heats of killed and
           rimming St.3sp and MSt 3 steels of 12 and 20 mm thick,
           containing from 0.09 to 0.29% of As were taken for the
           investigation. Arsenic was introduced into the metal in
           the form of iron-arsenic briquettes during teeming of
           steel into ingot moulds. The chemical compositions of
           steel specimens are given. Altogether 212 pairs of speci-
           mens were forge-welded under standard conditions, of which
           121 were used for tensile and 91 for cold-bend tests. The
           experimental results are given in Figures 1 and 2 and the
           table. The microstructure of welds from steels of an
           increased arsenic content - Figure 3. It is concluded that
           forge-welding of killed and rimming steel St3, containing
Card1/2   up to 0.29% of arsenic, can be done satisfactorily without

SOV/133-58-8-17/30
The Influence of Arsenic on the Weldability of Low-carbon Steels

the application of any special fluxes (the proportion of rejects was not higher than for steel containing no arsenic). For strip thickness of 12 mm, the above content of arsenic has no influence on the quality of welds. At 20 mm thickness of specimens, forge-welding is somewhat more difficult and with increasing arsenic content in steel, its weldability deteriorates. However, if technological conditions of welding (uniformity of heating, without interruptions in the blast, cleaning from slag, intensive forging) are strictly maintained, then such strips could be satisfactorily welded at an arsenic content of 0.29%. There are 3 figures, 1 table and 7 references, 5 of which are Soviet and 2 German.

ASSOCIATION: Zavod "Azovstal'" ("Azovstal'" Works)

Card 2/2   1. Steel--Forging   2. Steel--Structural analysis
                3. Arsenic--Metallurgical effects

KALASHNIKOV, A.G., kand.tekhn.nauk

Ways of prolonging the life of tractors and agricultural machinery.
Trakt. i sel'khozmash. no.12:1-6 D '58.   (MIRA 11:12)
        (Tractors) (Agricultural machinery)

SOV/130-58-12-9/21

AUTHORS: Bul'skiy, M.T., Kalashnikov, A.G., Beloglovskiy, M.Sh.
and Alimov, A.G.

TITLE: The Structure of Rimming-Steel Ingots (Ostrukture slitkov kipyashchey stali)

PERIODICAL: Metallurg, 1958, Nr 12, pp 20-22 (USSR)   D.

ABSTRACT: Rimming steel with under 0.37% C and 0.7-1.0% Mn has been
produced at the "Azovstal'" works since 1955 and accounts
for 60% of total output. The authors give reductions in
metal loss obtained by substituting semi-killed steel for
killed steels. They tabulate melting and teeming data
and analyses for two heats of type Ometiz, 1 of type 3 kp
and 1 of type 5 kp steels, and go on to compare the
structures of the corresponding 6.8-tonne ingots. The
compositions of ladle samples were, respectively: 0.10,
0.07, 0.22 and 0.36% C; 0.30, 0.47, 0.42 and 0.71% Mn;
0.052, 0.038, 0.049 and 0.03% S; 0.036, 0.03, 0.032 and
0.038% P; 0.135, 0.112, 0.140 and 0.138% As. The
durations of effervescence in the ingot moulds were,
respectively, 30, 15, 15 and 3 minutes. The structures
of longitudinal axial fractures of the ingots (Figs 1, 2)

Card 1/2

The Structure of Rimming-Steel Ingots   SOV/130-58-12-9/21

        show that by following the main points of specified
melting and pouring procedures sound ingots can be
obtained, securing minimal metal consumption in rolling.
The authors suggest that, in view of the quality of
5 kp steel ingots, this steel should be more widely used.

        There are 2 figures and 1 table.

ASSOCIATION: "Azovstal'" works

Card 2/2

KALASHNIKOV, A.G., inzh.

Effect of arsenic on the weldability of low-carbon steels [with summary in English]. Stal' 18 no.8:736-739 Ag '58.   (MIRA 11:8)

1.Zavod "Azovstal'."

(Steel alloys--Welding) (Arsenic)

SOV/133-59-9-23/31

AUTHOR: Kalashnikov, A.G.

TITLE: Formation of Influxes on Rail Heads

PERIODICAL: Stal', 1959, Nr 9, pp 837-840 (USSR)

ABSTRACT: Causes of defects on rail heads, called "influxes" were
             investigated. Cf all the defective rail specimens
             (rails produced in the Azovstal' Works) sent with
             complaints from various railways of the USSR, 38.3% were
             defects of metallurgical origin and 35.4% of defects
             caused by the formation of influxes on the head part of
             the rails with the subsequent appearance of fatigue
             cracks. Various types of this defect are illustrated
             in Fig 1 to 4. Macro and microinvestigations of the
             defective metal indicated that flakes, segregations,
             blow holes and non-metallic inclusions were absent, but
             traces, characteristic for work hardened metal, of cold
             plastic deformation were found. The latter were
             expressed particularly strongly in large "influxes"
             (Fig 4). The structure of the upper layers of the head
             ceased to be grainlike and became fibrous (grain
             boundaries disappear) with a sharp increase in hardness
Card 1/3   (HB up to 340 to 375 instead of 217 to 260). The

Formation of Influxes on Rail Heads

appearance of the defect was caused artificially on
some rail specimens by impact with a pneumatic hammer.
With an increasing degree of work hardening, fatigue
cracks appeared in the metal (Fig 5). It is considered
that with sharply increased loads on wagon axles and
the speed of the trains, rails delivered from works
should be not only free from external and internal defects
but the strength of the rail steel itself should be
approximately doubled. A further increase in the carbon
content in rail steel cannot be introduced as there is
a possibility of the formation of cementite network in
the head part of the ingot, characteristic for over-
eutectoidal steel. Thermal treatment of carbon rails
cannot secure the necessary increase in mechanical
strength with the preservation of sufficient ductility.
Rails of high strength and ductility can be obtained only
from alloy steels with subsequent thermal treatment.
These should be used in highly loaded track sections. An
increase in the weight of rails per unit of length would
not produce the required results as the surface area of
Card 2/3   the contact between the wheels and the rails changes

SOV/133-59-9-23/31

Formation of Influxes on Rail Heads

insufficiently to reduce the specific load (kg/mm^2).
In order to reduce the wear of rails, a more uniform
distribution of the load is necessary. This can be
achieved by increasing the width of the rail head. There
are 5 figures and 2 Soviet references.

ASSOCIATION: Zavod „Azovstal'„ („Azovstal'„ Works)

Card 3/3

18.3200, 18.9200

77616
SOV/133-60-2-16/25

AUTHORS: Kalashnikov, A. G., Beloglovskiy, M. Sh., Bul'skiy,
             M. T. (Engineers)

TITLE: Structure and Properties of Semikilled St.5ps-Steel

PERIODICAL: Stal', 1960, Nr 2, pp 153-158 (USSR)

ABSTRACT: Since 1955, killed open-hearth MSt.5sp-steel has been
             replaced by regular silicon-free semikilled St.5ps-
             steel (0.28-0.37% C and 0.7-1.0% Mn) at "Azovstal'"
             Plant (Zavod "Azovstal'"). The semikilled steel
             meets State Standards for that type of product
             (GOST 380-50). Melting is done in 350-ton, tilting
             open-hearth furnaces fired by mixed gas with oxygen
             enrichment. Bottom poured big-end-down ingot molds
             facilitate production (elimination of metal cap) and
             cut cost (no Al addition to the top part). The con-
             sumption per ton of rolled product is less than
             in corresponding killed and rimmed steel (See Fig. 1).

Card 1/5

Structure and Properties of Semikilled
St.5ps-Steel

77616
SOV/133-60-2-16/25

Longitudinal fracture and sulfur prints of a semikilled
ingot showed only three zones, i.e., dense crust, blow-
holes, and core. A comparative study of chemical
heterogeneity, macrostructure and mechanical properties
(tensile and cold bend tests) was conducted upon the
proposal of S. S. Petrov (Engineer) by A. G. Alimov,
(Engineer), N. P. Kologrivov (Candidate of Technical
Sciences), and L. P. Tarasova, Ye. T. Raznotina, Ye.
T. Nazarenko, V. A. Fil'chakova, L. A. Aleksandrova,
Z. A. Yashchenko (Engineers), and S. L. Mil'ner
(Technician). Specimens were taken from 80 x 80 mm
square billets and periodical profile Nr 12. A
comparative study of test results for killed St.5
and semikilled St.5-steel (79 and 154 analyses,
respectively) showed the following root-mean-square
deviation from the predetermined composition:

Card 3/5

Structure and Properties of Semikilled
St.5ps-Steel

77616
SOV/133-60-2-16/25

Mn content. (3) For a large-scale application of
semikilled steel, further study is required for the
improvement of its physical and mechanical properties.
There are 6 figures; 3 tables; and 3 Soviet references.

ASSOCIATION: "Azovstal'" Plant (Zavod "Azovstal'")

Card 5/5

KALASHNIKOV, A.G., kand.tekhn.nauk

Durability of the cylinder heads of tractor engines. Trakt. 1
sel'khozmash. no.2:6-10 F '64.   (MIRA 17:3)

1. Ukrainskiy filial Gosudarstvennyy vsesoyuznyy nauchno-issledo-
vatel'skiy tekhnologicheskiy institut remonta i ekspluatatsii
mashinno-traktornogo parka.

KALASHNIKOV, Aleksandr Grigor'yevich, kand. tekhn. nauk;
OLEFIRENKO, G.A., red.

[Repair of the basic tractor parts] Remont bazisnykh de-
talei traktorov. Kiev, Urozhai, 1965. 280 p.
(MIRA 18:7)

KALASHNIKOV, A.G. [deceased]

Magnetic properties of rocks from Guriya in the Georgian
S.S.R. Trudy Inst. geofiz. AN Gruz. SSR 21:5-13 '63.
(MIRA 18:12)

KALASHNIKOV, A. I.

The Tomilinsk-poultry hatchery   Moskva   Goskul'tprosvetizdat, 1954. 19 p.
(Vsesoiuznaia sel'skokhoziaistvennaia vystavka

USSR/Soil Science - Genesis and Geography of Soils.

Abs Jour : Ref Zhur - Biol., No 3, 1958, 10473

of soluble salts in the three-meter layer). The meadow
carbonate soils are formed where the ground water is not
far from the surface; they contain 0.6-3.0% humus, are
poor in P, and rich in N and K. These soils can be di-
vided into three categories: salt-free, weakly saline
(139 T/hectare of salts), and heavily saline (241 T/
hectare of salts). The salts are a chloride-sulfate mix-
ture. Marshy and meadow-marshy soils occupy a comparati-
vely small area. Solonchaks occupied ~ 9.5% of the inves-
tigated area and fall into the following categories: ty-
pical, meadow, marshy, and residual. On the average the
solonchaks contain 746 tons of salts per hectare, with
chloride-sulfate and sodium-magnesium mixtures predomina-
ting. The meadow and marshy solonchaks, which are adap-
ted to low-lying areas, occupy 1% of the region. Mea-
dow-desert and meadow-takyr soils are formed in the chan-
nels of dried up rivers under conditions of weakened

Card 2/4

KALASHNIKOV, A.

Let us fulfill the five-year plan ahead of schedule. Mias. ind.
SSSR 28 no.3:8 '57.   (MLRA 10:6)

1. Tomilinskaya ptitsefabrika.
        (Poultry)   (Eggs--Production)

BLYUMIN, A.A.; BIRAGOV, Yu.G.; KALASHNIKOV, A.I.

Automatic pH control in the lead-zinc industry. TSvet. met. 34
no.12:31-35 D '61.
(MIRA 14:12)

1. Severo-Kavkazskiy filial konstruktorskogo byuro
"TSvetmetavtomatika".
(Zinc--Electrometallurgy)
(Hydrogen-ion concentration--Measurement)

KALASHNIKOV, A.M.

Constant improvement of cultural and material services to
the people of Moscow. Gor. khoz. Mosk. 30 no.8:1-4 Ag '56.
(MLRA 9:10)

1. Zaveduyushchiy Otdelom gorodskogo khozyaystva Ministerstva
gosudarstvennogo kontrolya Kommunisticheskoy partii Sovetskogo
Soyuza.
                    (Moscow--Building)

KALASHNIKOV, A.M.

Improve the management and maintenance of apartment houses. Gor. khoz.
Mosk. 32 no.11:3-4 N '58.
(MIRA 11:11)

1. Zavoduyushchiy Otdelom gorodskogo khozyaystva Moskovskogo gorodskoy,
komiteta Kommunisticheskoy partii Sovetskogo Soyuza.
        (Moscow--Apartment houses--Maintenance and repair)

Kalashnikov, Anatoliy Mikhaylovich, and Yakov Vasil'yevich Stepuk

Osnovy radiotekhniki i radiolokatsii, Kniga 1: Kolebatel'nyye sistemy (Principles of Radio Engineering and Radar, Book 1: Oscillation Systems) Moscow, Voyenizdat, 1959. 354 p. No. of copies printed not given.

Ed.: S. N. Tikhonov, Engineer, Colonel; Tech. Ed.: G. F. Sokolova.

PURPOSE: This book is intended for students of military radio schools. It may be of interest to military officers engaged in the operation of radio equipment and also students of civilian schools studying radio and radar.

COVERAGE: The authors discuss resonant circuits transmission lines, waveguides, cavity resonators and antennas. Attention is given to physical aspects of processes taking place in these devices. Formulas and expressions in the book involve techniques of secondary-school mathematics. Introduction was written by Major V. G. Levichev; Chapter 1 by Major A. M. Kalashnikov;

Card 1/12

KALASHNIKOV, Anatoliy Mikhaylovich; STEPUK, Yakov Vasil'yevich;
GAYEVICH, V.N., red.; TIKHONOV, S.N., inzh.-polkovnik,
red.; KOKINA, N.N., tekhn. red.

[Fundamentals of radio engineering and radar; oscillatory
systems]Osnovy radiotekhniki i radiolokatski; kolebatel'-
nye sistemy. Izd.2., perer. Moskva, Voenizdat, 1962.
365 p.   (MIRA 15:11)
                 (Radio)   (Radar)

KALASHNIKOV, Anatoliy-Mikhaylovich; SLUTSKIY, Veniamin Zakharovich;
       Prinimali uchastiye: FOGEL'SON, B.I.; MUNVEZ-FRENKEL, I.Z.,
GAYEVICH, V.N., red.; TIKHONOV, S.N., inzh.-polkovnik, red.;
KOKINA, N.N., tekhn. red.

[Principles of radar and radio engineering; vacuum- tube
devices and pulse techniques]Osnovy radiotekhniki i radio-
lokatsii; elektrovakuumnye pribory i impul'snaia tekhnika.
Izd.2., perer. Moskva, Voenizdat, 1962. 385 p.
                                        (MIRA 15:10)

    (Radio) (Radar) (Pulse techniques (Electronics))

LEVICHEV, Vladimir Grigor'yevich; STEPUK, Yakov Vasil'yevich; FOGEL'SON,
Boris Il'ich; Prinimal uchastiye KALASHNIKOV,A.M.; MATLIN,I.L.,
red.; SOLOMONIK,R.L., tekhn.red.
[Prinicples of radio engineering and radar; radio transmitting
and receiving devices]Osnovy radiotekhniki ; radioperedaiushchie
i radiopriemnye ustroistva. Moskva, Voenizdat, 1962. 494 p.
(MIRA 16:1)

(Radio)   (Radar)

LEVICHEV, Vladimir Grigor'yevich; STEFUK, Yakov Vasil'yevich;
FOGEL'SON, Boris Il'ich. Prinimal uchastiye KALASHNIKOV,
A.M.; VLADIMIROV, V.T., red.

[Principles of radio engineering and radar; radio transmit-
ting and receiving systems] Osnovy radiotekhniki i radiolo-
katsii; radioperedaiushchie i radiopriemnye ustroistva.
Izd. 2., perer. Moskva, 1965. 583 p.   (MIRA 18:5)

KALASHNIKOV, Anatoliy Mikhaylovich; STEPUK, Yakov Vasil'yevich;
        VLADIMIROV, V.T., red.

    [Principles of radio engineering and radar; oscillatory
    systems] Osnovy radiotekhniki i radiolokatsii; kolebatel'-
    nye sistemy. Izd.3., perer. Moskva, Voenizdat, 1965. 382 p.
                                          (MIRA 18:5)

L 26409-66   EWT(1)/FSS-2   WR

ACC NR: AM5020527   Monograph   UR

Kalashnikov, Anatoliy Mikhaylovich; Stepuk, Yakov Vasil'yevich

Principles of radio engineering and radar oscillating systems (Osnovy radiotekhniki i radiolokatsii; kolebatel'nyye sistemy) 3rd ed., rev. Moscow, Voyenizdat M-va obor. SSSR, 1965. 382 p. illus. 47,000 copies printed.

TOPIC TAGS: oscillator theory, radio engineering, radar engineering, electromagnetic wave

PURPOSE AND COVERAGE: This textbook is intended for students in radio engineering schools specializing in radio and radar. It may also be of interest to military officers engaged in the operation and maintenance of radio and electronic equipment, as well as to students in civilian radio and radar schools. This textbook is one of four volumes on the subject "Principles of Radio Engineering and Radar." Oscillatory systems, electromagnetic power transmission lines, waveguides, cavity resonators, and antennas are covered in this volume. Considerable attention is paid to the physical side of the occurring phenomena. High school-level mathematics is used in this text.

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Introduction — 3

Ch. I. Oscillatory circuits — 14

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L 26409-66

ACC NR: AM5020527

Ch. II. Electromagnetic power transmission lines — 124

Ch. III. Waveguides and cavity resonators — 208

Ch. IV. Antennas — 259

SUB CODE: 09, 17/ SUBM DATE: 26Feb65/ ORIG REF:

Card 2/2 CC

BELOV, P.V., inzh.; KALASHNIKOV, A.P., inzh.; KUTUZOV, D.S., inzh.

Efficient diagrams of electric blasting circuits. Bezop.truda
v prom. 7 no.3:26-27 Mr '63.   (MIRA 16:3)

1. Vsesoyuznyy nauchno-issledovatel'skiy institut tsvetnykh metallov
(for Belov, Kalashnikov). 2. Leninogorskiy polimetallicheskiy
kombinat (for Kutuzov).
                          (Electric circuits) (Blasting)

SHIL'NIKOV, I.L.; KALASHNIKOV, A.P.

Disk mills for the production of wood fiber tiles. Bumagodel.mash.
no.9:46-52 '61.   (MIRA 15:1)
(Woodpulp industry--Equipment and supplies)

KALASHNIKOV, A. P., Candidate Tech Sci (diss) -- "Narrow-gauge forest railroad

rail wings on a snow base". Leningrad, 1959. 10 pp (Min Higher Educ USSR,

Leningrad Order of Lenin Forestry Engineering Acad im S. M. Kirov), 150 copies

(KL, No 25, 1959, 133)

DEMIDOV, G.K., inzh.; KALASHNIKOV, A.F.; PANICHEV, A.D., kand.tekhn.nauk

Quality and shrinkage of rayon tire cord. Tekst.prom. 21 no.5:
13-14 My '61.   (MIRA 15:1)
                          (Tire fabrics) (Rayon)

PANICHEV, A.D.; KALASHNIKOV, A.P.; KUZ'MIN, Yu.S.; NOSOV, Yu.A.;
DEMIDOV, G.K.

Setting of a continuous tread strip in extruding. Kauch. i
rez. 20 no.8:40-44 Ag '61.   (MIRA 14:8)

1. Yaroslavskiy tekhnologicheskiy institut i Yaroslavskiy
shinnyy zavod.
                        (Tires, Rubber)

PANICHEV, A.D.; KALASHNIKOV, A.P.; KUZ'MIN, Yu.S.; DEMIDOV, G.K.;
    NOSOV, Yu.A.

    Shrinkage of treads. Kauch. i rez. 20 no.12:48-49 D '61.
                                                (MIRA 15:1)

    1. Yaroslavskiy tekhnologicheskiy institut i Yaroslavskiy shinnyy
    zavod.
                        (IAroslavl—Tires, Rubber)

KALASHNIKOV, A.P. (Odessa)

Vitamin PP level in cancer of the stomach. Vrach. delo no.1:
70-72 Ja'64
(MIRA 17:3)

1. Kafedra obshchey khirurgii (zav. - zasluzhennyy deyatel'
nauki, prof. I.Ya. Deyneka) pediatricheskogo i stomatologichesko-
go fakul'teta i kafedra farmakologii (zav. - prof. Ya.B.Maksi-
movich) Odesskogo meditsinskogo instituta.

L 34842-65   EWT(1)/EWT(m)/T/EWP(t)/EEC(b)-2/EWP(b)/EWA(h)/EWA(c)   Peb   IJP(c)   JD
ACCESSION NR: AP5008514   S/0286/65/000/006/0014/0014

AUTHOR: Izergin, A. P.; Chernigovskaya, V. N.; Kalashnikov, A. P.

TITLE: Quartz ampul for growing single crystals. Class 12, No. 169064

SOURCE: Byulleten' izobreteniy i tovarnykh znakov, no. 6, 1965, 14

TOPIC TAGS: crystal growth, single crystal, gallium arsenide, vapor phase growth,
quartz ampul

ABSTRACT: This Author Certificate introduces a quartz ampul for growing gallium
arsenide single crystals from gallium melt. The ampul shown in Fig. 1 of the En-
closure is composed of two detachable parts. The upper part is provided with a side
extension for arsenic, a sight hole, and a magnetic system for moving the seed. A
water cooler and resistance furnace above it, surrounding the connection between
the detachable parts, make possible repeated use of the ampul and its hermetic seal-
ing by arsenic metal. Orig. art. has: 1 figure.

ASSOCIATION: Sibirskiy fiziko-tekhnicheskiy institut pri Tomskom gosudarstvennom
universitete im. V. V. Kuybysheva (Siberian Physicotechnical Institute at Tomsk
State University)

Card 1/2

KALASHNIKOV, A. P.

25738 KALASHNIKOV, A. P. Steloshch-iesya Posadki V Priusadebnom Sadu.
Sad i ogorod, 1948, No. 7, s. 40-41

SO: Letopis' Zhurnal Statey, No. 30, Moscow, 1948.

KALASHENIKOV, A. P.

Bashkiria-Fruit Culture

Southern varieties of fruit plants in Bashkiria. Sad i og. No. 6, 1952.

9. **Monthly List of Russian Accessions**, Library of Congress, _____1953. Unclassified.

KALASHNIKOV, Aleksey Petrovich, kand.sel'skokhozyaystvennykh nauk;
    ZAGORSKIY, G., red.; KRASNOSHCHEKOV,N., red.; YAKOVLEVA, Ye.,
    tekhn.red.

[Corn as feeding stuff for farm animals] Kukuruza v ratsionakh
sel'skokhoziaistvennykh zhivotnykh. [Moskva] Mosk.rabochii,
1957. 59 p.   (MIRA 11:1)
                          (Corn (Maize))

USSR/Farm Animals - Cattle

Q

Abs Jour   :   Ref Zhur - Biol., No 15, 1958, 69309

Author   :   Kalashnikov, A.P., Klun'ko, S.K.
Inst   :   -
Title   :   Utilization of Lupine as Feed For Cattle

Orig Pub   :   Zhivotnovodstvo, 1957, No 5, 43-46

Abstract   :   Experiments revealed the high nutritional qualities of
               lupine when used in a green form and in a form of silage
               as feed for cattle. Data on the crop capacity of fodder
               lupine, accumulation of nutrient substances in it accor-
               ding to phases of development, chemical composition, and
               results of feeding it to dairy cows are given.

Card 1/1

-- 82 --

KALASHNIKOV, Aleksey Petrovich, kand. sel'khoz. nauk; HECHAYEVA, Ye.G.,
red.; KADIYEVA, Ye.V., red.; MAKHOVA, N.M., tekhn. red.;
SOKOLOVA, N.N., tekhn. red.

[Silage type of feeding for cattle] Silosnyi tip kormleniia
krupnogo rogatogo skota. Moskva, Sel'khozizdat, 1963. 158 p.
(MIRA 16:10)

(Cattle—Feeding and feeds) (Ensilage)

UTYSHEV, V.; KALASHNIKOV, A.P., kand. tekhn. nauk, nauchnyy rukovoditel'

Eliminating the seasonality of road construction work in the logging industry. Sbor. nauch. rrb. stud. Petrozav. gos. un. no.6:107-112 '62.   (MIRA 17:11)

1. Kafedra sukhoputnogo transporta lesa Petrozavodskogo gosudarst-vennogo universiteta.

SOLOV'YEV, A.; KALASHNIKOV, A.P., kand. tekhn. nauk, nauchnyy rukovoditel'

Organizing and carrying out the investigation of automobile
logging roads in winter. Sbor. nauch. rab. stud. Petrozav. gos.
un. no.6:122-127 '62.   (MIRA 17:11)

1. Kafedra sukhoputnogo transporta lesa Petrozavodskogo
gosudarstvennogo universiteta.

KALASHNIKOV, A.P. (Odessa, ul. Korolenko, 9, kv.28)

Content and excretion of the derivatives of nicotinic acid in
patients with cancer of the stomach and the lungs. Vop. onk.
10 no.12:32-34 '64.
(MIRA 18:6)

1. Iz kafedry obshchey khirurgii pediatricheskogo i stomato-
logicheskogo fakul'tetov (zav. kafedroy - zasluzhennyy deyatel'
nauki prof. I.Ya. Deyneka) i kafedry farmakologii (zav.- prof.
Ya.B. Maksimovich) Odesskogo gosudarstvennogo meditsinskogo
instituta (rektor - zasluzhennyy deyatel' nauki prof. I.Ya.
Deyneka).

Kalashnikov, A.S.

AUTHOR: KALASHNIKOV, A.S.   20-5-2/54

TITLE: On the First Boundary Value Problem for the Equations of the
            Onedimensional Instationary Percolation (O pervoy krayevoy
            zadache dlya uravneniy odnomernoy nestatsionarnoy filtratsii)

PERIODICAL: Doklady Akad. Nauk SSSR,   1957, Vol.115, Nr.5, pp. 858-861 (USSR)

ABSTRACT: The author uses the method of Oleynik [Ref.2] in order to prove
            the existence and uniqueness of the generalized solution of the
            first boundary value problem for the equation

$$\frac{\partial u}{\partial t} = \frac{\partial^2 \varphi(u)}{\partial x^2}.$$

            Here $\varphi(u) > 0$, $\varphi'(u) > 0$ for $u > 0$; $\varphi(0) = \varphi'(0) = 0$. The solution
            is considered in the rectangle $0 \leqslant t \leqslant T$, $0 \leqslant x \leqslant X$ and in the strip

Card 1/2 $0 \leqslant t \leqslant T$, $0 \leqslant x < \infty$.

AUTHORS: Olejnik, O.A., Kalashnikov,A.S.,and   SOV/38-22-5-6/10
            Cho Yü-lin

TITLE: Cauchy Problems and Boundary Value Problems for the Equation of
            the Type of Instationary Filtration (Zadacha Koshi i krayavyye
            zadachi dlya uravneniy tipa nestatsionarnoy fil'tratsii)

PERIODICAL: Izvestiya Akademii nauk SSSR, Seriya matematicheskaya, 1958,
            Vol 22, Nr 5, pp 667-704

ABSTRACT: The authors consider the Cauchy problem and the first and
            second boundary value problems for the equation

$$(1) \qquad \frac{\partial u}{\partial t} = \frac{\partial^2 \varphi(t,x,u)}{\partial x^2} .$$

Here $\varphi > 0$, $\varphi'_u > 0$ for $u > 0$ and $\varphi = \varphi'_u = 0$ for $u = 0$. For
each problem a generalized solution is defined and its existence
and uniqueness is proved. It is shown that in all points in
which (1) does not degenerate, the generalized solution has
continuous derivatives which satisfy (1) in the usual sense.
The authors formulate 23 theorems with definitions and con-
clusions. Most of the results are already published (see [Ref 9,
10,11]).
There are 16 Soviet references.

Card 1/2

Cauchy Problems and Boundary Value Problems for the Equation   SOV/38-22-5-6/10
of the Type of Instationary Filtration

PRESENTED: by S.L.Sobolev, Academician
SUBMITTED: November 21, 1957

Card 2/2

KALASHNIKOV, A. S.   Cand Phys-Math Sci -- (diss)   "On discontinuous *solutions*

of quasilinear equations and sytems of the hyperbolic type."   Mos, 1959.   9 pp

including cover (Acad Sci USSR.   Math Inst im V. A. Steklov), 150 copies

Bibliography at end of text (15 titles)   (KL, 52-59, 116)

16(1)

AUTHOR: Kalashnikov,A.S.   SOV/42-14-2-6/19

TITLE: On the Uniqueness of the Solution of the Cauchy Problem for a
               Class of Quasilinear Hyperbolic Systems

ABSTRACT: In the strip $S\left\{0 \leqslant t \leqslant T, -\infty < x < \infty\right\}$ the author considers the
              hyperbolic system

(1) $\dfrac{\partial u_i}{\partial t} + \dfrac{\partial \varphi_i(t,x,u)}{\partial x} + \psi_i(t,x,u) = 0 \qquad (i=1,2)$

              with the initial conditions

(2) $u_i(0,x) = u_{io}(x)$,

              where $u_{io}(x)$ are piecewise continuous and piecewise smooth

              functions which are bounded together with two derivatives. Let

              $\lambda_k(t,x,u)$ be the eigenvalues of the matrix $\left\| \dfrac{\partial \varphi_i}{\partial u_j} \right\|$; $c_k(t,x,u) =$

              $= \left(c_{k1}(t,x,u), c_{k2}(t,x,u)\right)$ the corresponding normed eigenvectors.

              As the generalised solution of (1)-(2) the author denotes a

Card 1/4

On the Uniqueness of the Solution of the Cauchy Problem   SOV/42-14-2-6/19
for a Class of Quasilinear Hyperbolic Systems

piecewise continuous and piecewise smooth function $u(t,x) =$
$= (u_1(t,x),\ u_2(t,x))$, which together with the first and second

derivatives is bounded in S, which satisfies the identities

$$\int_S \int \left[\frac{\partial f_i}{\partial t} u_i + \frac{\partial f_i}{\partial x} \varphi_i(t,x,u) - f_i(t,x) \cdot \psi_i(t,x,u) \right] dt\ dx +$$

$$+ \int_{-\infty}^{\infty} f_i(0,x) u_{i0}(x) dx = 0 , \qquad i=1,2 ,$$

where $f(t,x)$ is an arbitrary finite function continuously
differentiable in S, $f(T,x) = 0$, and which on the lines of
discontinuity $x = x(t)$ satisfies either the inequation

$$x'(t) < \lambda_1^- , \qquad \lambda_1^+ < x'(t) < \lambda_2^+$$

or
$$\lambda_1^- < x'(t) < \lambda_2^- , \qquad \lambda_2^+ < x'(t).$$

Card 2/4

On the Uniqueness of the Solution of the Cauchy Problem   SOV/42-14-2-6/19
for a Class of Quasilinear Hyperbolic Systems

Here $\lambda_k^- = \lambda_k(t, x(t), u(t, x(t)-0))$, $\lambda_k^+ = \lambda_k(t, x(t), u(t, x(t)+0))$.

Theorem: The generalized solution is unique under the following conditions:

1) $\dfrac{\partial \varphi_i}{\partial u_j}$ is two times, $\dfrac{\partial \psi_i}{\partial u_j}$ one time continuously differentiable,

$\dfrac{\partial \varphi_i}{\partial u_j}$ bounded in S for bounded u.

2) To every $\bar{u} = (\bar{u}_1, \bar{u}_2)$ and $\bar{\bar{u}} = (\bar{\bar{u}}_1, \bar{\bar{u}}_2)$ there exists a
$\tilde{u} = (\tilde{u}_1, \tilde{u}_2)$ so that

$$\varphi_i(t,x,\bar{u}) - \varphi_i(t,x,\bar{\bar{u}}) = \sum_j \frac{\partial \varphi_i(t,x,\tilde{u})}{\partial u_j} (\bar{u}_j - \bar{\bar{u}}_j).$$

If here $\lambda_k(t,x,\bar{u}) \neq \lambda_k(t,x,\bar{\bar{u}})$, then

$$\left[\lambda_k(t,x,\bar{u}) - \lambda_k(t,x,\tilde{u})\right]\left[\lambda_k(t,x,\bar{\bar{u}}) - \lambda_k(t,x,\tilde{u})\right] < 0 .$$

Card 3/4

On the Uniqueness of the Solution of the Cauchy Problem   SOV/42-14-2-6/19
for a Class of Quasilinear Hyperbolic Systems

3) For $(t,x) \in S$ and all $\bar{u}, \bar{\bar{u}}$ it holds:

$$|\Delta_{12}(t,x,\bar{u},\bar{\bar{u}})| > |\Delta_{ii}(t,x,\bar{u},\bar{\bar{u}})| ,$$

where $\Delta_{ij}(t,x,\bar{u},\bar{\bar{u}}) = \begin{vmatrix} c_{i1}(t,x,\bar{u}) & c_{i2}(t,x,\bar{u}) \\ c_{j1}(t,x,\bar{\bar{u}}) & c_{j2}(t,x,\bar{\bar{u}}) \end{vmatrix} .$

The author mentions Yu.Yegorov. The author thanks O.A.Oleynik
for his interest in the investigations.
There is 1 figure, and 5 references, 4 of which are Soviet,
and 1 American.

SUBMITTED: December 4, 1958

Card 4/4

16(1)
AUTHOR: Kalashnikov, A.S.   SOV/20-127-1-6/65

TITLE: The Construction of Generalized Solutions to Quasilinear
               First Order Equations Without Convexity Condition as Limits
               of Solutions to Parabolic Equations With a Small Parameter

PERIODICAL: Doklady Akademii nauk SSSR,1959,Vol 127,Nr 1,pp 27-30 (USSR)

ABSTRACT: Let $u(t,x)$ be the generalized solution in the sense of
               $\lceil$Ref 2$\rfloor$ of the Cauchy problem

$$\frac{\partial u}{\partial t} + \frac{\partial \varphi(u)}{\partial x} = 0 \quad ; \quad u(0,x) = u_0(x) \quad , \quad -\infty < x < \infty$$

in the strip $S\left\{ 0 \leq t \leq T , -\infty < x < \infty \right\}$. Let $\varphi(u)$ be two
times continuously differentiable; $\varphi''(u)$ is assumed to have
finitely many zeros in every finite u-interval; let the
$u_0(x)$, $u_0'(x)$, $u_0''(x)$ be bounded for $-\infty < x < \infty$ and have
at most finitely many points of discontinuity. Let $u_\epsilon(t,x)$

be the solution of $\epsilon \frac{\partial^2 u}{\partial x^2} = \frac{\partial u}{\partial t} + \frac{\partial \varphi(u)}{\partial x}$, $\epsilon > 0$,

$u(0,x) = u_0(x)$, $-\infty < x < \infty$.

Card 1/2

The Construction of Generalized Solutions to Quasilinear First Order   SOV/20-127-1-6/65
Equations Without Convexity Condition as Limits of Solutions to Para-
bolic Equations With a Small Parameter

Theorem : Let $u_o(x) \in C^{(2)}$ for $x \ne x_k$ and monotonous for
$x_k - a \le x < x_k$ and $x_k < x \le x_k + a$, whereby $\varphi''(u_o(x_k \pm 0)) \ne 0$,
$(k = 1,\ldots,n \; ; \; a > 0)$. Then for $\varepsilon \to 0$ the $u_\varepsilon(t,x)$ tends to
$u(t,x)$ in all points of continuity of $u(t,x)$ which belong to
a strip $S_o \{ 0 \le t \le T_o \; , \; -\infty < x < \infty \} \; , \; T_o > 0$.
S.L.Sobolev is mentioned in the paper; the author thanks
Professor O.A. Oleynik for valuable suggestions.
There are 7 Soviet references.

ASSOCIATION: Matematicheskiy institut imeni V.A. Steklova Akademii nauk
SSSR (Mathematical Institute imeni V.A. Steklov, AS USSR)

PRESENTED: March 30, 1959, by I.G. Petrovskiy, Academician
SUBMITTED: March 30, 1959

Card 2/2

PETROVSKIY, Ivan Georgiyevich. Prinimal uchastiye CHUDOV, L.A.; BAYEVA, A.P.,
      red.; KALASHNIKOV, A.S., red.; AKHLAMOV, S.N., tekhn. red.

   [Lectures on equations with partial derivatives] Lektsii ob uravne-
   niiakh s chastnymi proizvodnymi. Izd.3., dop. Moskva, Gos. izd-vo
   fiziko-matem.lit-ry. 1961. 400 p.   (MIRA 14:12)
            (Differential equations, Partial)

S/042/62/017/003/001/002
B125/B104

AUTHORS: Il'in, A. M., Kalashnikov, A. S., Oleynik, O. A.

TITLE: Linear second-order parabolic equations

PERIODICAL: Uspekhi matematicheskikh nauk, v. 17, no. 3(105), 1962,
                3-146

TEXT: This is a review of original papers on the theory of linear
second-order parabolic equations published between 1906 and 1962. The
classical and the generalized solutions of the boundary value problems
and of the Cauchy problem are considered in particular. The most
important English-language reference is: J. Nash, Continuity of solu-
tions of parabolic and elliptic equations, Amer. Journ. Math. 80,
no. 4 (1958), 931-954.

SUBMITTED: December 19, 1961

Card 1/1

IL'IN, A.M.; KALASHNIKOV, A.S.; OLEYNIK, O.A.

Linear second-order parabolic equations. Usp.mat.nauk 17
no.3:3-146 My-Je '62.   (MIRA 15:12)
            (Differential equations, Linear)

KALASHNIKOV, A.S.

Cauchy problem in a class of growing functions for equations
of the type describing unsteady percolation. Vest. Mosk. un.
Ser. 1: Mat., mekh 18 no.6:17-27 N-D'63.   (MIRA 17:2)

1. Kafedra matematicheskogo analiza Moskovskogo universiteta.

80944

S/049/60/000/02/006/022

E131/E459

3.9100

AUTHOR: Kalashnikov, A.V. and Zybin, K.Yu.

TITLE: Some Results of Investigating the Variations of the
Horizontal Component of the Geomagnetic Field (From
Observations During the I.G.Y.)

PERIODICAL: Izvestiya Akademii nauk SSSR, Seriya geofizicheskaya,
1960, Nr 2, pp 236-242 (USSR)

ABSTRACT: The investigations were carried out by the Station "Borok"
of the Institute of Physics of the Earth, Academy of
Sciences USSR (58°02 N and 38°58 E).   A three-component
assembly was employed giving the variations of H_x, H_y
and Z of the geomagnetic field. The vertical component
was recorded by means of a mesh placed horizontally in
the earth, the total surface of which was 15700 m^2.
The sensitivity of the Z-channel was 1.4×10^{-2} γ/mm.
Examples of recordings of the variations of all three
components are illustrated in Fig 2.   Vector diagrams of
the variations of the horizontal components were plotted
showing the amplitudes of the components H_x and H_y
for a given instant (Fig 3). The curves thus obtained
enclose an elongated area, the azimuth of the longer

80944

S/049/60/000/02/006/022
E131/E459

Some Results of Investigating the Variations of the Horizontal
Component of the Geomagnetic Field (From Observations During the I.G.Y.)

axis having predominantly a direction NW to SE, ie the
mean azimuth was found to be $38°$ (Fig 4). It was found
that the diurnal rotation of the vector was
predominantly anti-clockwise. Out of 456 cases,
258 rotations were anti-clockwise, 146 clockwise and
52 were variable (Fig 5, 6 and 7). The diagram of the
relationships

$$E_x/H_y, \quad E_y/H_x \quad \text{and} \quad E/H = \sqrt{E_x^2 + E_y^2} \Big/ \sqrt{H_x^2 + H_y^2}$$

was also produced (Fig 8) in order to illustrate the
relationship between the amplitude of the variations of
the electric field and those of the magnetic field. The
cause of these variations could be the effect of electric
eddies in the ionosphere at the heights of 100 km and

Card 2/3

FEDIN, A.A., kand.tekhn.nauk; BERDYSHEV, S.X., inzh.; KALASHNIKOV, A.V.,
inzh.; KUZNETSOVA, L.S., inzh.

Large aerated silicate blocks. Stroi. mat. 6 no.12:22-23 D '60.

(Sand-lime products)   . (MIRA 13:11)

KALASHNIKOV, A.V., inzhener-podpolkovnik

Why did Osipov take a long time to eliminate the defect? Vest.
Vozd.Fl. no.7:75-76 Jl '61.   (MIRA 14:8)
            (Airplanes, Military—Maintenance and repair)

GOGINA, Z.M.; KALASHNIKOV, B.P., direktor.

Suturing the cornea and sclera in open wounds of the eye ball as method of primary treatment of such wounds. Vest.oft. 32 no.2:27-31 Mr-Ap '53.
(MLRA 6:5)

1. Glaznoye otdeleniye Novgorodskoy oblastnoy bol'nitsy (for Gogina).
2. Leningradskiy institut glaznykh bolezney imeni Girshmana (for Kalashni-kov).   (Eye--Wounds and injuries)   (Sutures)

KALASHNIKOV, B.P.,

527

ON THE EFFECT OF GAMMA RAYS ON THE BIOLOGICAL
ACTIVITY OF THE RETINA. B. P. Kalashnikov. (Lenin
State Research Inst.) Doklady Akad. Nauk S.S.S.R. 104,
64-7 (1955). Sept. 1. (In Russian)
Effects of Co^{60} gamma rays on rabbit retina were
registered on a Siemens electrocardiograph. Elec-
troretinograms are given. (R.V.J.)

Leningrad State Sci. Res. Inst. Eye Diseases

m. Greshman.

BAZHENOVA, K.M., kand.med.nauk; GARVIN, L.I., dotsent; KALASHNIKOV, B.P.,
    prof.; KARASIK, V.M., prof.; K'YANDSKIY, A.A., prof.; KRISHOVA, N.A.,
    prof.; LOPOTKO, I.A., prof.; MASHLAKOVA, P.V., vrach; MESSEL', M.A.,
    kand.med.nauk; PUNIN, B.V., prof.; ROZHDESTVENSKIY, V.I., doktor med.
    nauk; ROMANOVSKAYA, V.K., vrach; SOSNYAKOV, N.G., prof.; TUR, A.F.,
    prof.; TUSHINSKIY, M.D., prof.; FILIPCHENKO, Ye.M., kand.med.nauk;
    KHROMOV, B.M., prof.; TSURINOVA, Ye.G., doktor med.nauk; SHRAYBER, M.G.,
    prof.; POLIKARPOV, S.N., dotsent; UDERMAN, Sh.I., dotsent, red.;
    SHEVCHENKO, F.Ya., tekhn.red.

[Physician's handbook on first aid and emergency care] Spravochnik
vracha skoroi i neotlozhnoi pomoshchi. Leningrad, Gos.izd-vo med.
lit-ry Medgiz, Leningr.otd-nie, 1960. 230 p.   (MIRA 13:8)
            (MEDICINE—HANDBOOKS, MANUALS, ETC.)

9

Problems in Radiation Biology (Cont.)   SCT/5435

Kashchenko, L. A., N. K. Shaidt, and P. I. Ostrovskaya-Zakharevich.
Reaction of the Spleen, Mucous Intestinal Membrane, and Testicles
of Frogs to the Effect of Ionizing Radiation in Whole-Body and
Local Irradiation
298

Kashchenko, L. A., P. I. Ostrovskaya-Zakharevich, and N. K. Shaidt.
Reparation of Radiation Injury in Frog Testicles
311

Kalashnikov, B. P., and Yu. S. Kaminskaya. Experimental Data on the
Injurious Effect of X-Rays on the Retina Due to Local and Whole-Body
Irradiation
318

Kiselev, F. N., and T. A. Semina. Effect of Some Hormones of the
Adrenal and Pituitary Glands on the Course of Autoinfectious Processes
in Radiation Sickness
327

Sivertseva, V. N. Problem of the Effect of Chronic Continuous Influence
of Ionizing Radiation on the Course of Infectious Processes
335

Smorodintsev, A. A. Morphologic Changes in the Respiratory Canal in
Experimental Influenza of Immune White Mice Irradiated With X-Rays
344

Card 8/10

KLYACHKO, Maks L'vovich, prof.; KALASHNIKOV, B.P., red.; KHARASH, G.A.,
tekhn. red.

[Glaucoma in children, adolescents, and young adults] Glaukoma det-
skogo, iunosheskogo i molodogo vozrasta. Leningrad, Medgiz, 1961. 239 p.
(MIRA 14:11)

(GLAUCOMA)

KALASHNIKOV, B.P.; BYSTROVA, Yu.A.

Radioisotope diagnosis of eye tumors and possibilities of its improvement. Med. rad. 9 no.2:17-23 D '64.

(MIRA 18:12)

1. TSentral'nyy nauchno-issledovatel'skiy rentgeno-radiologicheskiy institut Ministerstva zdravookhraneniya SSSR.

BAZHENOVA, K.M., dots.; VOL'FOVSKAYA, R.N., dots.; GARVIN,
    Leonid Iosifovich, dots.; KALASHNIKOV, B.P., prof.;
    K'YANDSKIY, A.A., prof.; LEVIN, G.Z., prof.; LOPOTKO,
    I.A., prof.; PARIYSKAYA, T.V., kand. med. nauk;
    ROZHDESTVENSKIY, V.I., doktor med. nauk; ROMANOVSKAYA, V.K.;
    TUR, A.F., prof.; KHVILIVITSKIY, T.Ya., prof.; KHROMOV,B.M.,
    prof.; SHRAYBER, M.G., prof.; D'YACHENKO, P.K., red.

[Manual for the physician on emergency and first aid] Spra-
vochnik vracha skoroi i neotlozhnoi pomoshchi. Izd.2., ispr.
i dop. Leningrad, Meditsina, 1965. 355 p.   (MIRA 18:4)

KALASHNIKOV, B.V., inzh.

How we have built the foundations of small-sized signal lights.
Avtom., telem. i sviaz' 6 no.9:44 S '62.   (MIRA 15:9)

1. Isakogorskaya distantsiya signalizatsii i svyazi Severnoy
dorogi.
                    (Railroads—Signaling)

KALASHNIKOV D L

8(2), 9(6)

AUTHOR: Kalashinkov, D. L., Engineer   SOV/119-59-3-9/15

TITLE: A Small-sized Electrostatic Kilovoltmeter for 25 kv
              With Small Leakage Currents (Elektrostaticheskiy
              malogabaritnyy kilovol'tmetr na 25 kv s malymi tokami
              utechek)

PERIODICAL: Priborostroyeniye, 1959, Nr 3, pp 23-24 (USSR)

ABSTRACT: At present only one type of electrostatic kilovoltmeter
              is produced by Soviet Industry, the shielded type S-96
              with three ranges. It can be used up to voltages of 30 kv.
              This instrument, although being an allround type, has many
              disadvantages: large leakage currents, which depend on the
              ambient atmospheric conditions, dangerous handling, and too
              large a size and weight. In this article the instrument DK-25
              is described, which does not exhibit any of the foregoing
              shortcomings. Its principle is that of the electrostatic
              kilovoltmeter, and it is designed as follows: A fixed
              electrode is mounted on a Plexiglas insulator of special design.
              Through a system of contacts within the insulator the high
              voltage to be measured is transmitted to the fixed electrode.
Card 1/2   The movable electrode is a sector of a circular cylinder

A Small-sized Electrostatic Kilovoltmeter for 25 kv   SOV/119-59-3-9/15
With Small Leakage Currents

made of aluminum foil 0.15 mm thick and has been shaped
as to give the scale almost a linear character. A movable
electrode, a pointer and a damping vane are mounted on the
axis of the movable system. The following table contains the
characteristic data of several kilovoltmeters:

Type of electro-static kilo-voltmeter	Range in kv	dimensions in mm			weight in kg
		length	width	height	
S-96	30	552	278	237	11
FS-30	30	332	282	565	11.5
DZhII-Amerika	20	552	328	430	20
DK-25	25	215	175	155	3

The error of the instrument DK-25 is better than 1.5 %.
It can be used for frequencies up to 30 megacycles, and it
reaches reading position after 2 seconds. It has been used
for many years under hard conditions and has proved its
quality and reliability. There are 3 figures and 1 table.

Card 2/2

KALASHNIKOV, B.; TOKMACHEV, G.

Readers about books. Prof.-tekh.obr.12 no.11:30-31 N '55.
(MIRA 9:2)
1.Zamestitel' direktora po uchebno-proisvodstvennoy chasti
dmitrovskogo uchilishcha mekhanizatsii sel'skogo khosyaystva
No.1 (Orlovskaya oblast') (for Kalashnikov). 2.Zaveduyushchiy
uchebno-metodicheskim kabinetom Voroneshkogo oblastnogo
upravleniya trudovykh rezervov (for Tokmachev).
(Technical education)

KALAJHNIKOV, L. Ya.

KALASHNIKOV, E.
G. EICHGORN, MASLOBOINO-ZHIROVOE DELO 11, 26-38, 1931

Kalashnikov ⇄ E. Ya.

The effect of methods of culture on the formation of amylo-ytic and proteolytic enzymes of Aspergillus oryzae. E. Ya. Kalashnikov, D. B. Lizshits, B. M. Levitan, and T. T. Trifilina. Trudy Ukr. Nauch. Issledovatel. Inst. Pisch. Khim. Prom. 1954, No. 1, 3–12; Referat. Zhur. Khim., Biol. Khim. 1955, No. 8218.—Expts. were conducted under both laboratory and practical conditions. Moist sterile wheat bran was used as the medium and an active strain of A. oryzae as the inoculum. From the 10 to 24 hr. period of incubation at temperatures up to 44–46° is a period of intensive mold growth. This favorable growth has no effect on the enzymic activity of the mold preps. The moisture content of the medium proved to be a factor of considerable importance; the optimum was 60% in the laboratory and 52% under production conditions. The drying out of the medium even under conditions of aeration with moist air constituted a serious hindrance. This can be corrected by the appropriate addition of sterile moisture.

B. I.

Kalashnikov, E.Ya.

The synthesis of amylolytic and proteolytic enzymes in cultures of Ascomycetes and their... E.Ya. Kalashnikov... L.Mishin, D.M. ... Nauch. [obshestvo] ... Referat. ... Zhur., Biol., ... 1958, No. 1234

In testing the material for enzyme potency, the entire medium and mold growth was dried at 40-45°. The present... obtained by culturing the mold at 26° for 48 hrs. had a proteolytic activity... times as potent as the one obtained at 20°. No difference in the potency of the amylolytic activity could be demonstrated. — B.S. Levine

KALASHNIKOV, E.A

ANUR'YEV, V.I.; KALASHNIKOV, F.F.; MASLENNIKOV, I.M.; SAZONOV, A.S.,
        red. izd-va; TIKHANOV, A.Ya., tekhn. red.

   [Machinery designer's handbook]Spravochnik konstruktora-
   mashinostroitelia.[By]V.I.Anur'ev, F.F.Kalashnikov, I.M.Mas-
   lennikov. Izd.2., perer. i dop. Moskva, Mashgiz, 1962. 687 p.
                                              (MIRA 16:3)
          (Machinery--Design and construction)

S/135/61/000/001/017/018
A006/A001

AUTHORS: Kvartin, I.I., Kalashnikov, F.I., Engineers

TITLE: On Welding in Water Vapor Atmosphere

PERIODICAL: Svarochnoye proizvodstvo, 1961, No. 1, p. 48

TEXT: Welding of 1 - 2 mm thick sheet steel (St.3) in water vapor was
investigated at the Odessa Plant of Food-Stuffs Machinebuilding with the A-547r
semi-automatic machine, using Sv-08 wire. To a 1.5 mm thick netted pipe, a 2 mm
thick steel cone was welded with 120 - 150 amps current, 20 - 25 v arc voltage.
Some deficiencies of the process such as considerable heating of the burner and
butting of the wire against the nozzle edge when leaving the tip were eliminated
by modernizing the burner design. The method of supplying dry vapor to the weld-
ing zone was also improved. In the vapor generator designed by the Plant imeni
15-letiye LKSMU the electric interrupter was replaced by a micro-interrupter, a
settling tank for the condensate was devised and a vapor superheater was installed.
The mechanical properties of the weld joints were 42 kg/mm^2 ultimate strength;
6.9 - 7 kgm/cm^2 toughness and a bending angle of 160 - 180°. The problem is set

Card 1/2

On Welding in Water Vapor Atmosphere

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of using water, containing certain additives, to establish optimum vapor parameters. This subject should be studied by research institutes and laboratories.

ASSOCIATION: Odesskiy zavod prodovol'stvennogo mashinostroyeniya (Odessa Plant of Food-Stuffs Machinebuilding)

Card 2/2

KALASHNIKOV, G.; MAKAROV, V.; GUSAROV, V.

Mechanical transformer. Radio no.10:59 '56.   (MLRA 9:11)

(Electric transformers)

VAGANOV, Viktor Vasil'yevich; SAFONOV, Vladimir Yefimovich; MIRONOV,
Georgiy Petrovich; KALASHNIKOV, G.A., red.; SHAKHOVA, L.I.,
red.izd-va; KUZNETSOVA, A.I., tekhn.red.

[Manual for workers in the exportation of lumber] Posobie dlia
rabotnikov po eksportu lesomaterialov. Moskva, Goslesbumizdat,
1960.   203 p.   (MIRA 13:4)
                         (Lumber trade)

KALASHNIKOV, G.G., polkovnik meditsinskoy sluzhby

Thromboembolism of the pulmonary artery following surgical inter-
vention. Voen.-med. zhur. no.6:38-40 '64.   (MIRA 18:5)

KALASHNIKOV, G.I.

Centrifugal casting of turbocompressor rotors. Avt. prom. 31
no.1:42-43 Ja '64.   (MIRA 18:3)

1. Yaroslavskiy motornyy zavod.

KALASHNIKOV, G.I.

Mechanical conveying of billets from the heating furnace to dies.
Avt.prom. 29 no.3:42 Mr '63.   (MIRA 16:3)

1. Yaroslavskiy motornyy zavod.
                    (Yaroslavl—Conveying machinery)

KALASHNIKOV, G.I.

   Mechanical conveying of billets from the heating furnace to
the dies. Avt.prom. 29 no.9:40-41 S '63.   (MIRA 16:9)

   1. Yaroslavskiy motornyy zavod.
          (Feed mechanisms)

KALASHNIKOV, G.P.; GAYVORONSKIY, N.A.

Two cases of congenital deformations of the spine of platyspondylia type. Vest. rent. i rad. no.4:78-81 Jl-Ag '54.   (MIRA 7:10)

1. Iz ortopedicheskogo otdeleniya (zav. prof. P.I.Bakov) Odesskoy
2-y oblastnoy klinicheskoy bol'nitsy (glavnyy vrach I.P.Pelyavskiy)
        (SPINE, abnormalities,
           platyspondylisis)
        (ABNORMALITIES,
           platyspondylisis)

KALASHNIKOV, G.P.

Isolated tuberculous lesion of the posterior tubercle of the atlas.
Ortop.travm. i protez. 19 no.4:60-61 Jl-Ag '58   (MIRA 11:11)

1. Iz konstnotuberkuleznogo otdeleniya (zav. -G.P.Kalsahnikov)
Odesskoy oblastnoy klinicheskoy bol'nitsy (glavnyy vrach -
kand.med.nauk I.P. Pelyavskiy).
            (TUBERCULOSIS, SPINAL, case reports
                  isolated lesion of posterior tubercle of atlas
                  (Rus))

KALASHNIKOV, G.P.; BOLOTINA, Z.V.

Extensive echinococcal lesions of pelvic and spinal bones. Ortop., travm., i protez. 20 no.11:81-82 N '59.   (MIRA 13:4)

1. Iz kostnotuberkuleznogo otdeleniya (zaveduyushchiy - G.P. Kalash-nikov) Odesskoy oblastnoy klinicheskoy bol'nitsy (glavnyy vrach - dotsent I.P. Pelyavskiy).
            (ECHINOCOCCOSIS compl.)
            (SPINE dis.)
            (PELVIC BONES dis.)

KALASHNIKOV, G.P. (Odessa, Komsomol'skaya ul., d.13, kv.4); TERNOVOY, K.S.

Operative treatment of tuberculous trochanteritis. Ortop.,
travm. i protez. 25 no.11:43-47 N '64.   (MIRA 18:11)

1. Iz kostnotuberkuleznogo otdeleniya (zav. - G.P. Kalashnikov)
Odesskoy oblastnoy klinicheskoy bol'nitsy (glavnyy vrach -
K.S. Ternovoy). Submitted November 1, 1963.

KALASHNIKOV, G.P. (Odess, Komsomol'skaya ul. d.13, kv.4)

Posterior tuberculous spondylitis. Ortop., travm. i protez. 26
no.4:65-67 Ap '65.   (MIRA 18:12)

1. Iz kostnotuberkuleznogo otdeleniya (zav. - G.P.Kalashnikov)
Odesskoy oblastnoy klinicheskoy bol'nitsy (glavnyy vrach -
K.S.Ternovoy).